



# County of San Diego

## DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION

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### \*\*\*\*\* INFORMATION BULLETIN \*\*\*\*\*

### UNDERGROUND STORAGE TANK PROCEDURES UPDATE

The Hazardous Materials Division (HMD) would like to update underground storage tank (UST) owners, operators, contractors, consultants, and other interested parties concerning changes in the UST inspection program and recent changes in State Law

### SUMMARY

#### Changes in the HMD tank inspection program will include:

- ❑ New scheduling procedures for the UST plan check program
- ❑ Stormwater Best Management Practices (BMPs) will be required for all permitted UST construction or removal activities in the unincorporated areas of the County.
- ❑ All secondary containment testing results reported on updated standard certification form developed by HMD.
- ❑ Monitoring system certification reported on San Diego County version form. Site map, alarm history and monitoring set up shall be included.
- ❑ New UST written monitoring procedures and response plan form

#### Changes in State Law concerning UST's include:

- ❑ **Important Deadline:** All secondary containment systems installed prior to January 1, 2001 must have their first periodic secondary containment testing performed by January 1, 2003
- ❑ As of January 1, 2002, persons performing installation, repair, maintenance, calibration, or annual certification of monitoring equipment shall meet the licensing requirements of CCR Title 23, Chapter 16, Section 2637(b)(1)(A)(B)(C)
- ❑ Under dispenser containment (UDC) will be required at all UST dispensing facilities by December 31, 2003

### New Scheduling Procedures UST Plan Check Program

- ❑ The phone number to schedule inspections, (619) 338-2214, has been changed to a **voice message only receiving line**. Inspections will be scheduled on a first come first serve basis and will be logged in the order the messages are received. See attached notice for specific details.

### Stormwater Best Management Practices (BMPs) requirements

- ❑ In accordance with the County of San Diego's Watershed Protection, Stormwater management and Discharge Control Ordinance (No. 9424 and 9426) and Grading Ordinances, a Stormwater Management Plan will be required to be submitted (**unincorporated areas only**). The plan must be submitted with the UST Permit applications (installations, removals, repipes and modifications). Permits will not be approved without the Stormwater Management Plan being completed and signed. The Management Plan form is available on the DEH website address: **<http://www.sdcdeh.org>**. For more information regarding BMPs, please call **(888) 846-0800** or go the web address: **<http://www.co.san-diego.ca.us/deh/lwq/stormwater/construction.html>**

### Updated Secondary Testing Certification Form

- ❑ The Secondary Testing Certification form for the County of San Diego has been updated. This form shall be used to report all secondary containment testing for all new installations, and existing containment testing.
- ❑ Also available is the County of San Diego Standard for Secondary Containment Testing of Underground Storage Tank Systems. Secondary containment testing procedures/protocols must be submitted to the Certified Unified Participating Agency (CUPA) for review and approval prior to testing secondary containment within the County of San Diego.
- ❑ Forms are available on the DEH website address: **<http://www.sdcdeh.org>**

### Monitoring System Certification Report form (San Diego County version)

- ❑ The San Diego County monitoring system certification form will be used to document testing and servicing of monitoring equipment per manufactures requirements. This form is to be used for all new installations as well. A separate form must be used for each monitoring system control panel, and additional tanks and dispensers as necessary. A copy must be provided to the tank owner/operator who submits form to local CUPA within 30 days of test date. Additional attachments required include manufactures inspection checklist, and site plan showing layout of monitoring equipment, and for any equipment capable of generating a system set up, and alarm history are required. Forms are available on the DEH website address: **<http://www.sdcdeh.org>**
- ❑ A minimum of 48 (working) hours notification is required prior to performing certification or any work (i.e. installation, repair, replacement, or calibration ) on a UST monitoring system as required by CCR Title 23 2637 (b)(5). This notification also applies to Certified Third Party Testers performing UST Integrity Testing.

- ❑ Individuals performing annual certification of monitoring equipment will be required to show proof of manufacturers certification to the HMD Inspector at the time of inspection.

### New Written Monitoring Procedures and Response Plan Form

- ❑ The new Written Monitoring Procedure and Emergency Response Plan form will be required for new tank installations and for any changes to the monitoring system. Please note that a site plot plan needs to be provided. The monitoring plot plan must locate all UST monitoring components (i.e. control panel, sump sensors, automatic tank gauge (ATG), and line leak detector (LLD), etc.).

**IMPORTANT**

### Secondary Containment Testing

**DEADLINE:** All secondary containment systems installed prior to January 1, 2001 must have their first periodic secondary containment testing performed by January 1, 2003.

- ❑ A minimum of 48 (working) hours notification is required prior to conducting test. Notification can be done by e-mail or fax to: [Sylvia.Mosse@sdcounty.ca.gov](mailto:Sylvia.Mosse@sdcounty.ca.gov) or [Robert.Rapista@sdcounty.ca.gov](mailto:Robert.Rapista@sdcounty.ca.gov)  
Fax # (619)338-2335
- ❑ Secondary containment test report must be submitted within 30 days (23CCR 2367 (c))
- ❑ If unable to test secondary containment, the owner/operator shall select an approved alternative methods and submit proposal and work plan to CUPA for enhanced leak detection by July 1, 2002, complete by December 31, 2002 and replace secondary system by July 1, 2005.
- ❑ Owners/operators who fail to complete secondary containment testing by the deadline may be subject to enforcement action. For additional information on secondary containment testing of your UST facility, contact Robert Rapista at (619) 338-2207.

### Annual Maintenance Certification

- ❑ As of January 1, 2002, persons performing installation, repair, maintenance, calibration, or annual certification of monitoring equipment shall meet the following requirements:
  - (A) Possess a current Class "A" General Engineering Contractor License, C-10 Electrical Contractor License, C-34 Pipeline Contractor License, C-36 Plumbing Contractor License, or C-61 (D40) Limited Specialty Service Station Equipment and Maintenance Contractor License issued by the Contractors State License Board.
  - (B) Be trained and certified by the manufacturer of the monitoring equipment; and,
  - (C) Be re-certified by the manufacturer by completion of a manufacturer's refresher course. Additionally, this certification shall be renewed at the time interval recommended by the manufacturer, or every 36 months, whichever is shorter.
- ❑ A person conducting UST monitoring equipment certification shall affix a tag/sticker on each monitoring equipment component that is being certified, repaired, or replaced. The tag/sticker shall be placed in a readily visible location and shall include the date the UST component was certified, repaired, or replaced, and the contractor's license number.
- ❑ Individuals performing annual certification of monitoring equipment will be required to show proof of manufacturers certification to the HMD Inspector at the time of inspection.

## Under Dispenser Containment (UDC)

- ❑ Please be advised that the deadline for all UST facilities to have UDC is **December 31, 2003**. UDC's are currently required for all new UST installations and as July 1, 2002 for all UST facilities within 1,000 feet of a public drinking well .
- ❑ Monitoring methods for double-walled pressurized piping and UDC shall meet one of the following monitoring methods:

### REQUIRED FOR ALL

**Continuous monitoring for both the pressurized piping and UDC shall be connected to audio visual alarm**  
**OR**  
**Capable of stopping the flow of product at the dispenser when leak is detected**

§ 2636 (f)(1)

### AND

Option 1	Option 2	Option 3
<b>Shut down the turbine(s) when leak is detected, and if the monitoring system fails, and/or is disconnected.</b>  § 2636 (g) (1)-(4)	<b>Shut down the turbine(s) when leak is detected</b>  § 2636 (f)(3)	<b>Contain a Line Leak Detector that detects a 3.0gph release for the primary containment.</b>  § 2636 (f)(2)
<b>AND</b>		
	<b>Conduct an annual piping test at 0.1gph. This can be performed by an electronic LLD that is third-party certified to perform a 0.1GPH or by a California licensed integrity tester.</b>  § 2636 (f)(4)	

Please refer to CCR Title 23 for specific language regarding the items outlined in this bulletin. UST regulations can be accessed via the internet using the State Water Resource Quality Control Board website; [http://www.swrcb.ca.gov/water\\_laws/index.html](http://www.swrcb.ca.gov/water_laws/index.html)

Any questions about the information contained in this bulletin, please contact Sylvia Mosse, Underground Storage Tank Group Supervisor at (619) 338-2309 or Robert Rapista, Environmental Health Specialist III at (619) 338-2207.